



Attorney Docket No.: VISH-IR269

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Patent**

In re Application of:

Inventor(s): Dubhashi et al

Application No.: 09/660,813

Examiner:

Filed: 9/13/2000

Art Unit:

For: POWER SEMICONDUCTOR DEVICE ASSEMBLY WITH INTEGRATED CURRENT SENSING AND CONTROL

Patent No.: 6,819,095

Issued Date: November 16, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified  
application,

☒ patent,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

☒ I hereby revoke all previous powers of attorney given in the above-identified application/patent.

**NEW POWER OF ATTORNEY**

☒ I hereby appoint the practitioners associated with the customer Number: 36538

☒ Please change the correspondence address for the above-identified application to:  
The address associated with Customer Number: : 36538

I am the:

☒ Assignee of record of the entire interest. *Statement under 37 CFR 3.73(b) is below.*

**CERTIFICATE UNDER 37 CFR 3.73(b)**

CREDENCE SYSTEMS CORPORATION., a California corporation, certifies that it is the assignee of the entire right, title and interest in the patent identified above by virtue of:

☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in The United States Patent and Trademark Office at

Reel 011118 . Frame 0018 .

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application/patent identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) avers that the undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

6/15/07  
Date

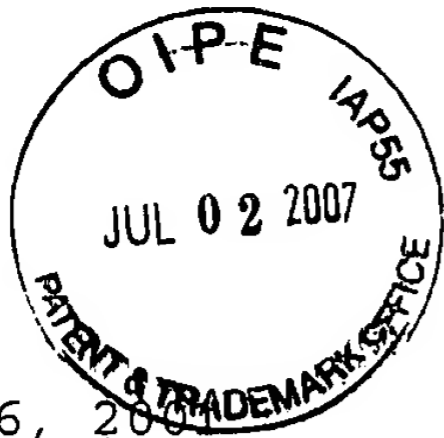
  
Signature

Dr. King Owyang

Typed or Printed Name

President and CEO

Title



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

FEBRUARY 16, 2007

PTAS

OSTROLENK, FABER, GERB & SOFFEN, LLP  
SAMUEL H. WEINER  
1180 AVENUE OF THE AMERICAS  
NEW YORK, NEW YORK 10036-8403



\*101590259A\*

**CORRECTED  
NOTICE**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/13/2000

REEL/FRAME: 011118/0018

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

DUBHASHI, AJIT

DOC DATE: 09/12/2000

ASSIGNOR:

MALOYAN, SHAHIN

DOC DATE: 09/12/2000

ASSIGNOR:

POLACK, JOSHUA

DOC DATE: 09/09/2000

ASSIGNEE:

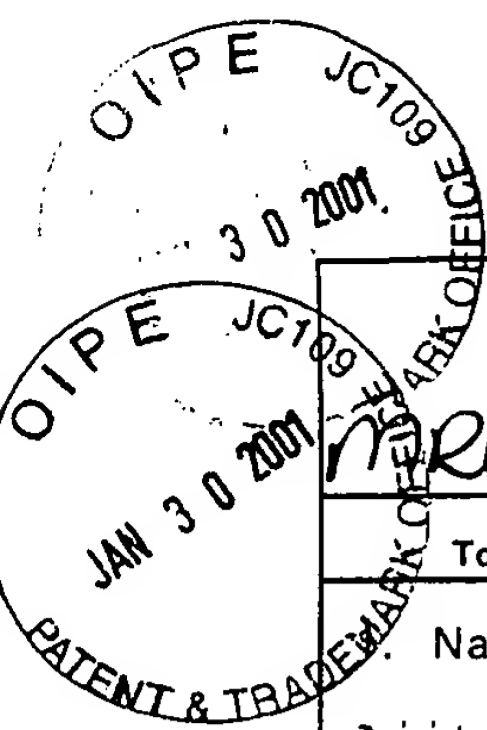
INTERNATIONAL RECTIFIER  
CORPORATION  
233 KANSAS STREET  
EL SEGUNDO, CALIFORNIA 90245

SERIAL NUMBER: 09660813  
PATENT NUMBER:

FILING DATE: 09/13/2000  
ISSUE DATE:

011118/0018 PAGE 2

PEARLENE FOSTER, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



COPY

02-16-2001

(2-2408)

PATENTS RECOF



101590259

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):

Ajit Dubhashi  
2401 Rockefeller Lane  
Redondo Beach, CA 90278

Shahin Maloyan  
19140 Harnett St.  
Northridge, CA 91326

Joshua Polack  
2411 East Chevy Chase Dr.  
Glendale, CA 91206

Additional names(s) of conveying party(ies) attached? NO

2. Name and Address of receiving party(ies):

International Rectifier  
Corporation  
233 Kansas Street  
El Segundo, CA 90245

Corporation of Delaware

Additional name(s) & address(es) attached? NO

3. Nature of conveyance:

Assignment

Execution Date: Sept. 12, 2000 and Sept. 9, 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 12, 2000 and September 9, 2000

A. Application No.(s)

B. Patent No.(s)

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

OSTROLENK, FABER, GERB & SOFFEN, LLP  
1180 Avenue of the Americas  
New York, New York 10036-8403

6. Total number of documents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

Enclosed as part of Check No.

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

DO NOT USE THIS SPACE

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Samuel H. Weiner  
Name of Person Signing

Signature

September 13, 2000  
Date

Total number of pages including cover sheet, attachments, and document: 3

09/13/00  
09/660813  
U.S. PTO

RECEIVED  
FEB 27 2001  
09/660813



D

IR-1785 (2-2408)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

New York, New York

Ajit DUBHASHI et al.

Date: January 22, 2001

Serial No.: 09/660,813

Group Art Unit: 2811

Filed: September 13, 2000

Examiner: --

For: POWER ASSEMBLY WITH INTEGRATED CURRENT SENSING

U.S. Patent and Trademark Office  
Assignment Division, Box Assignments, CG-4  
1213 Jefferson Davis Highway, Suite 320  
Washington, D.C. 20231

**REQUEST FOR CORRECTED NOTICE OF  
RECORDATION OF ASSIGNMENT DOCUMENT**

Sir:

Please issue a corrected Notice of Recordation of Assignment Document for the above application. Applicants note that the original Notice includes the following error:

The third inventor's execution date of the Assignment is incorrect. Please "09/07/2000" to --09/09/2000--.

A copy of the Notice of Recordation of Assignment Document marked in red is enclosed herewith along with a copy of the papers as originally filed.

This error occurred as a result of the Patent Office. Thus, no fee is enclosed.

In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed, or if any additional fee during the prosecution of this case is not paid, the Patent Office is authorized to charge the underpayment to Deposit Account No. 15-0700.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: U.S. Patent and Trademark Office Assignment Division, Box Assignments, CG-4, 1213 Jefferson Davis Highway, Suite 320, Washington, D.C. 20231, on January 22, 2001:

Samuel H. Weiner

Name of applicant, assignee or  
Registered Representative

Signature

January 22, 2001

Date of Signature

SHW:fs

Respectfully submitted,

Samuel H. Weiner

Registration No.: 18,510

OSTROLENK, FABER, GERB & SOFFEN, LLP

1180 Avenue of the Americas

New York, New York 10036-8403

Telephone: (212) 382-0700

COPY

PATENT APPLICATION ASSIGNMENT -  
JOINT INVENTORS

OFGS FILE NO. IR-1785 (2-2408)

WHEREAS, we, Ajit Dubhashi, Shahin Maloyan and Joshua Polack as assignors, have invented certain improvements in POWER ASSEMBLY WITH INTEGRATED CURRENT SENSING for which an application for United States Letters Patent has been executed by me of even date herewith; and

WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: 9-12-2000

Ajit Dubhashi  
Ajit Dubhashi

Date: 9-12-2000

Shahin Maloyan  
Shahin Maloyan

Date: \_\_\_\_\_

\_\_\_\_\_  
Joshua Polack

State of California  
County of Los Angeles

On September 12, 2000 before me Teresa R. Kumiyama, Notary Public  
personally appeared Ajit Dubhashi & Shahin Maloyan

personally known to me -- OR -- proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized  
capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the  
person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Teresa R. Kumiyama

00468262.1



COPY

PATENT APPLICATION ASSIGNMENT -  
JOINT INVENTORS

OFGS FILE NO. IR-1785 (2-2408)

WHEREAS, we, Ajit Dubhashi, Shahin Maloyan and Joshua Polack as assignors, have invented certain improvements in POWER ASSEMBLY WITH INTEGRATED CURRENT SENSING for which an application for United States Letters Patent has been executed by me of even date herewith; and

WHEREAS, INTERNATIONAL RECTIFIER CORPORATION, a corporation organized and existing under the laws of the State of Delaware and having a principal place of business at 233 Kansas Street, El Segundo, California 90245 as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, We, as assignors, hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for ourselves and our legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.

Date: \_\_\_\_\_

\_\_\_\_\_  
Ajit Dubhashi

Date: \_\_\_\_\_

\_\_\_\_\_  
Shahin Maloyan

Date: 9/9/00

Joshua Polack  
Joshua Polack

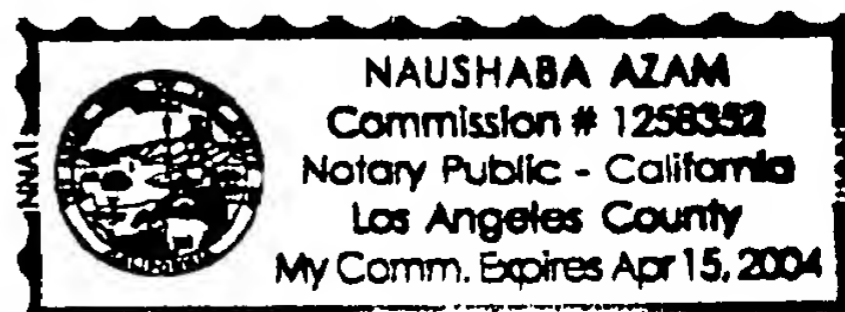
State of California  
County of Los Angeles

On SEPT. 9, 2000 before me NAUSHABA AZAM  
personally appeared JOSHUA POLACK.

~~personally known to me~~ -- OR -- proved to me on the basis of satisfactory evidence to be the person~~(s)~~ whose name~~(s)~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, and that by his/~~her/their~~ signature~~(s)~~ on the instrument the person~~(s)~~, or the entity upon behalf of which the person~~(s)~~ acted, executed the instrument.

WITNESS my hand and official seal.

NAUSHABA AZAM



Serial No. CG/000 813 Filing Date 9/13/00 OFGS File No. 18-1785  
Title FLAME ASSEMBLY WITH INTEGRATED CURRENT SENSING  
First Inventor Ajit Dubhashi et al Date 1/22/01  
The PTO has received: Last Due Date: \_\_\_\_\_

- |  |  |                                    |
|--|--|------------------------------------|
| <input type="checkbox"/> Patent Application of _____                               | <input type="checkbox"/> TM Application                    | <input type="checkbox"/> ITU Basis |
| Pages (including claims & abstract)  | <input type="checkbox"/> Statement of Use                  |                                    |
| <input type="checkbox"/> Declaration or <input type="checkbox"/> Designation Sheet | <input type="checkbox"/> Extension of Time                 |                                    |
| <input type="checkbox"/> Drawings _____ Sheet(s)/Figs. _____ to _____              | <input type="checkbox"/> Notice of Appeal                  |                                    |
| <input type="checkbox"/> Priority Document   | <input type="checkbox"/> Brief                             |                                    |
| <input type="checkbox"/> Small Entity Declaration                                  | <input type="checkbox"/> Petition                          |                                    |
| <input type="checkbox"/> Assignment & Conveyance Cover Sheet                       | <input type="checkbox"/> Status Request                    | PTO STAMP                          |
| <input type="checkbox"/> Information Disclosure Statement                          | <input type="checkbox"/> Issue Fee                         |                                    |
| <input type="checkbox"/> PTO-1449  | <input checked="" type="checkbox"/> Certificate of Mailing |                                    |
| <input type="checkbox"/> Amendment   | <input type="checkbox"/> Express Mail No. _____            |                                    |
| <input type="checkbox"/> Affidavit or Declaration                                  |  |                                    |
| <input checked="" type="checkbox"/> <u>File for Continued Examination</u>          |  |                                    |
| <input type="checkbox"/> Check No. _____ for \$ _____                              | <u>ASSIGNMENT</u>  |                                    |
| Atty/Secy <u>Shweta</u>  | <u>INVENTOR</u>  |                                    |